

Converting Colors

Hex(162011)

Have a look what the booklet for
Hex(162011) contains.

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Color

Hex(162011)

Conversions

Conversions Part 1

Format	Color
Hex	162011
RGB	22, 32, 17
RGB Percent	9%, 13%, 7%
CMY	0.9137, 0.8745, 0.9333
CMYK	0.31, 0.00, 0.47, 0.87
HSL	100°, 31%, 10%
HSV	100°, 47%, 13%
XYZ	0.9486, 1.2441, 0.7204
YIQ	27.3000, -1.1450, -6.7850

Conversions

Conversions Part 2

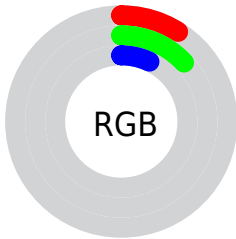
Format	Color
R_{YB}	17, 32, 27
Decimal	1450001
CIE Lab	10.88, -8.21, 8.45
CIE LCh	11, 11.780, 134.157
Yxy	1.2441, 0.3256, 0.4271
Android (android.graphics.Color)	4279640081 (0xFF162011)
YUV	27.3000, -5.0779, -4.6481
Hunter-Lab	11.1538, -4.3387, 3.9780

Details

The Hex color **162011** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1B1120**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **414C3B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **14200E**, and if you desaturate by 10%, it is **182014**.

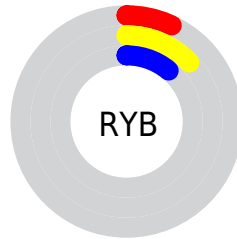
Distribution



Red (9%)

Green (13%)

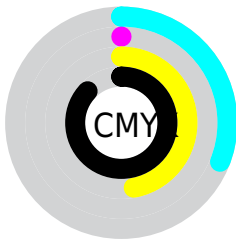
Blue (7%)



Red (7%)

Yellow (13%)

Blue (11%)

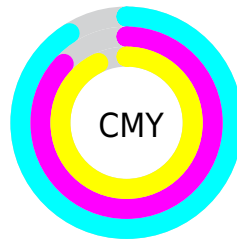


Cyan (31%)

Magenta (0%)

Yellow (47%)

Black (87%)



Cyan (91%)

Magenta (87%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 162011 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 162011 by changing the saturation by 10% instead.

■ 162011

■ 162011

■ F8FFF1

■ 000600

■ 414C3B

■ 000000

■ 586452

■ 717D6B

■ 8A9784

■ A4B19E

■ C0CDB9

■ DBE9D4

■ 162011

■ 162011

■ 14200E

■ 182014

■ 12200B

■ 1A2017

■ 102007

■ 1C201B

■ 0D2004

■ 1F201E

■ 0B2001

■ 212021

■ 0B2000

■ 232024

■ 252027

■ 27202B

■ 29202E

Harmonies

Analogous

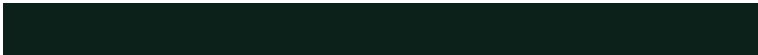
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



1F1E0B



162011



0C2119

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



162011



0A1F2C



2D171A

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



162011



1B1120

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



2A1822



162011



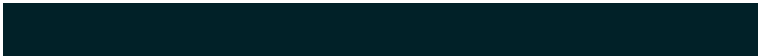
181D2D

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



162011



012128



231A29



2B1912

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



162011



05221E



231A29



2C171C

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



162011



252923



201B11



121411



949494



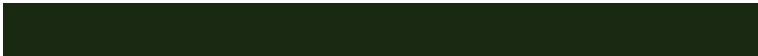
141414

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



162011



1A2912



112014



0E0F0E



1A4F00



45CF00

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



1B1120



211229



20111D



0F0E0F



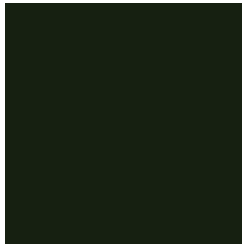
35004F



8A00CF

Previews

White Background



This preview shows how the Hex color 162011 looks on a white background.

Color Contrast Check

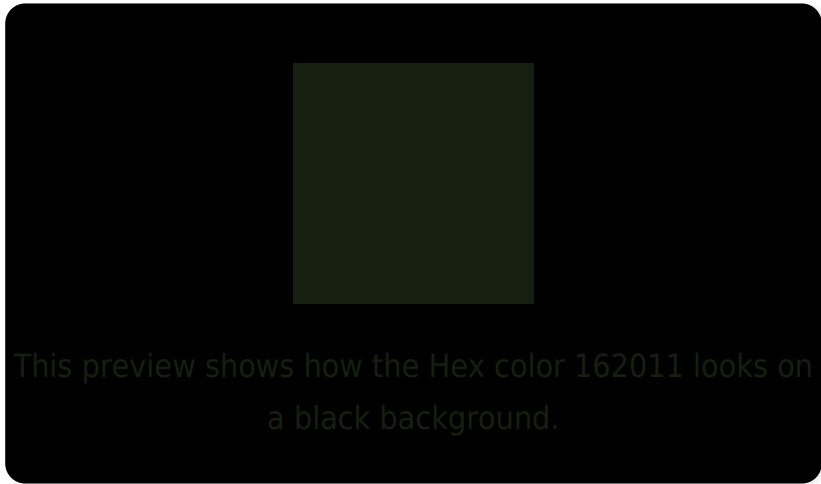
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

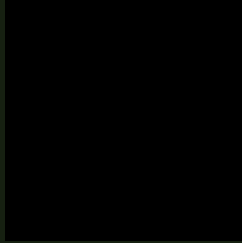
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 162011 Background



This preview shows how black text looks on a background with the Hex color 162011.

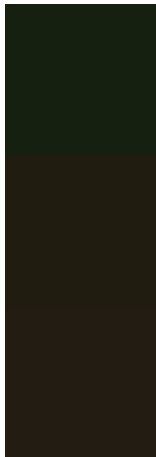


This preview shows how white text looks on a background with the Hex color 162011.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
162011

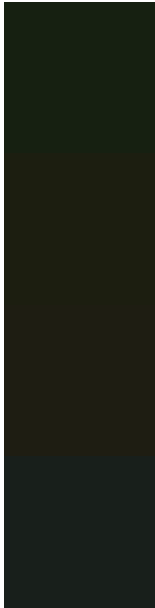
Protanopia
201D10

Deuteranopia
231C12



Tritanopia
191E21

Trichromacy



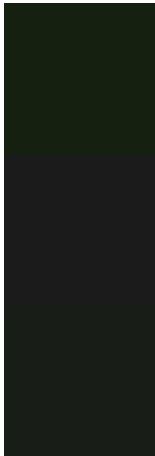
Original Color
162011

Protanomaly
1C1E10

Deuteranomaly
1E1D12

Tritanomaly
181F1B

Monochromacy



Original Color
162011

Achromatopsia
1B1B1B

Achromatomaly
191D17

CSS Examples

Text

The CSS property to change the color of the text to Hex 162011 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #162011 looks like.

```
.text, #text, p{  
    color:#162011  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #162011 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #162011
}
```

Border

The CSS property to change the border of an element to Hex 162011 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#162011 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#162011 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #162011 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #162011; -webkit-box-shadow:4px 4px  
4px 4px #162011; box-shadow:4px 4px 4px  
4px #162011 }
```

Background

The CSS property to change the background color of an element to Hex 162011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#162011 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#162011 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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